

Title (en)

ADDITIVE MANUFACTURING MACHINE FOR CREATING THREE-DIMENSIONAL OBJECTS FROM POWDER MATERIAL AND FUSING SUBSTANCE

Title (de)

MASCHINE ZUR ADDITIVEN FERTIGUNG ZUR ERSTELLUNG VON DREIDIMENSIONALEN OBJEKTEN AUS PULVERMATERIAL UND SCHMELZSTOFF

Title (fr)

MACHINE DE FABRICATION PAR ADDITION POUR CRÉATION D'OBJETS TRIDIMENSIONNELS À PARTIR D'UNE MATIÈRE EN POUDRE ET D'UNE SUBSTANCE DE FUSION

Publication

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Application

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Priority

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- BG 2014000034 W 20140915

Abstract (en)

[origin: WO2015127519A1] Additive manufacturing machine for creating a three-dimensional model from powder material, that consists of chassis (1), in which are located one below the other a loading system (4), system for applying powder material (2), system for applying fusing substance (3), container (5) with a removable bottom, fixating system (6) for the container (5), lifting system (7) for lifting and lowering the removable bottom of the container (5) and a control unit (9), which is located at the top end of the chassis (1). The system for applying powder material (2) and the system for applying fusing substance (3) are mounted on the chassis (1) in such a way as to be able to move on planes that are perpendicular to each other.

IPC 8 full level

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CPC (source: EP US)

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